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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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155 ±	Note QT:Quali	(a)INCLUDE CONDUCTO THE MATED CONNEC Unless otherwise specified,	XEWARAS (2) "S		SOLDERABILITY			·			SOLDERING HEAT	מטניטג טוטאוטם	CORROSION SALT	TEMPERATURE	(STEADY STATE)	DAMP HEAT	ENIVIDONIMENTAL	SHOCK		VIBRATION	OPERATION	WITHDRAWAL FORCES	MECHANICAL	VOLTAGE PROOF	INSULATION RESISTANCE	CONTACT RESISTANCE	ELECTRIC	MARKING	GENERAL EXAMINATION	ITEM		0	RATING \	- O	APPLICABLE STANDARD	∑ [COUNT
HIROSE ELEC	QT:Qualification Test	Wise specifications of the matter conduction o	"STORAGE" MEANS LONG-TERM STORAGE STATE BEFORE ASSEMBLY TO PCB. WE LINE CONDUCTOR RESISTANCE OF CARLE IN C	F									TMIST			١c	ol -		>>	Ti	<u>(</u>		. CHAR	DOF	SISTANCE	SISTANCE	CHARACTERISTICS				-	CURRENT	VOLTAGE	OPERATING TEMPERATURE RANGE	LE STAND	į	DESCRIPTION OF REVISIONS
ELECTRIC CO., LTD.	AT:Assurance Test	"BEFORE ASSEMBLY 10 PCB. "BINCLUDE CONDUCTOR RESISTANCE OF CABLE IN CASE THE MATED CONNECTOR IS CABLE TYPE. (L=12mm) Therwise specified, refer to JIS C 5402.	""INCLUDE TEMPERATURE RISE OF CURRENT CARRYING PETCOTA ACCUMENT TO DOO:	FOR IMMERSION DURATION: 3	SOLDER TEMPERATURE : 240	2) SOLDERING IRONS : 360 °C MAX. FOR 5 sec.		180°C	·	_ [1) REFLOW SOLDERING : REFLOW 2 TIMES UNDER THE TEMPERATURE PROFILE SHOWN BELOW	(TEST STANDA	EXPOSED IN 5% SALT WATER SPRAY	TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3$ min UNDER 5 CYCLES.		EXPOSED AT	HIZ.	."	AMPLITUDE: 1.5 mm, AT 2 h FOR 3 DIREC	REQUENCY	50 TIMES INSERTIONS AND EXTRACTIONS.	MEASURED BY	CHARACTERISTICS	300 V AC	100 V DC	20 mV MAX.	RISTICS	CONFIRMED VISUALLY.	ISUALLY AND						ARD		OF REVISIONS
	⊣	TOPCS. TOR IS CABLE TYPE. (L=12 refer to JIS C 5402.	A STORAGE ST	N DURATION	RATURE : 2	IRONS: 360	60~120s	220°C	230°C -		LDERING : IMES UNDER OWN BELOW	STANDARD: JIS-C-0090)	% SALT WAT	→ 2~3 → CYCLES.		ဂိ	ω	DURATION OF PULSE	``	10 TO 55 Hz,	RTIONS AND	Y APPLICABL	S	300 V AC FOR 1 min.		X. 1 mA (DC		ISUALLY.	BY MEASUR	TEST ME		0.5	100 V AC	40 °C TO			вү снко
	X:Applicable Test		ATE	1:3 sec.	40 ± 3°C	C MAX. FOR	60s(MAX)		260°	50s(MAX)	THE TEMPE	96 n. 90)		30 → 2~3		90 ~ 95 %.	-1≍	PULSE 11 ms		ני	EXTRACTIO	MEASURED BY APPLICABLE CONNECTOR.	200			C OR 1000Hz)		-	VISUALLY AND BY MEASURING INSTRUMENT.	METHOD	SPECIFIC	Ä) 85 °C ⁽¹⁾			DATE
		05,02,10	DRAWN		Α	5 sec.			260°C (PEAK)			:	FOR 48 h. NO	<u> </u>		96 h			<u> </u>	0	Š. ⊗⊖			Z							CIFICATIONS	STORA RANGE	OPERA RANGE				COUNT
ET	21 1	0, 01 40'50.	DESIGNED C	SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	NEW UNIFORM O						NO DEFORMATION OF CASE EXCESSIVE LOOSENESS O		NO HEAVY CORROSION	TS.		CONTACT RESISTANCE: 80 mO MAX (3)		OF PARTS.	1 μs.	① NO ELECTRICAL DISCON) CONTACT RESISTANCE: 80 mΩ MAX. ⁽³⁾) NO DAMAGE, CRACK AND LOOSENESS OF PARTS	WITHDRAWAL FORCE:		NO FLASHOVER OR BREAKDOWN.	500 MΩ MIN	60 mΩ MAX. (3)			ACCORDING TO DRAWING	REQU		STORAGE HUMIDITY RANGE	TING HUMIDITY	STORAGE TEMPERATURE RANGE			DESCRIPTION OF REVISIONS
FX15-31S-0.5SV	1 1	105.02.14 '6	CHECKED A	INIMUM OF 95 9 NG IMMERSED.	OATING OF S						TION OF CASE OF LOOSENESS OF THE		OSION.	CRACK AND LO	RESISTANCE:	STANCE: 80 r					RACK AND LO	1.5		R BREAKDO	Z	AX. (3)			RAWING.	REQUIREMENTS		40 %	40 %	-10 °C			
		H. Okawa	ROVED		OLDER						# ∵			LOOSENESS	00 MΩ MIN.	no MAX (3)		JOSENESS	OSENESS	TINUTY OF	80 mΩ MAX. ⁽³⁾ D LOOSENESS	1.55 N MIN.		VN.								TO 70	TO 80	TO 60	-	_	вү снко
			RELEASED	,	×	×					×	×	×	×	>	\ 	;	×	>	×	×	×		×	×	×	 		×	QT AT	-	70 % (2)	80 %	60 °C ⁽²⁾			DATE

FORM No.231-1

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